



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12211574
SAU: MSAD 27
School: Fort Kent Elementary School

Contents of the Report

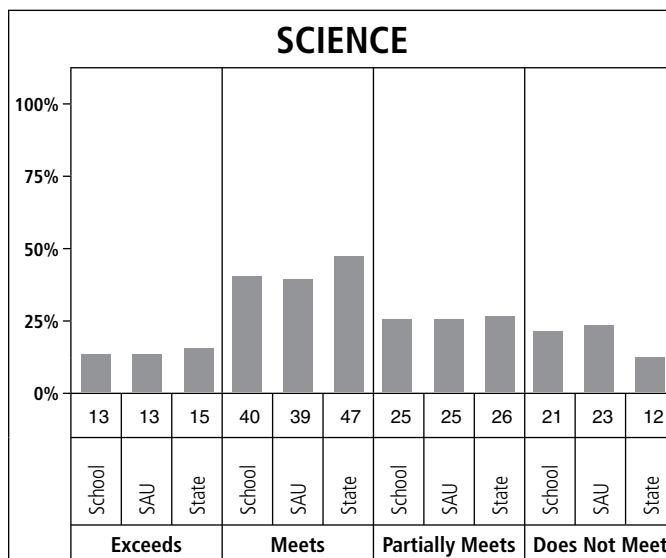
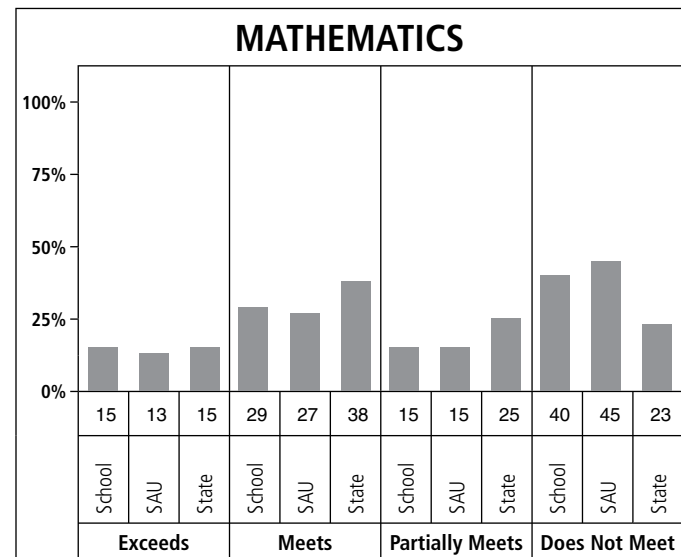
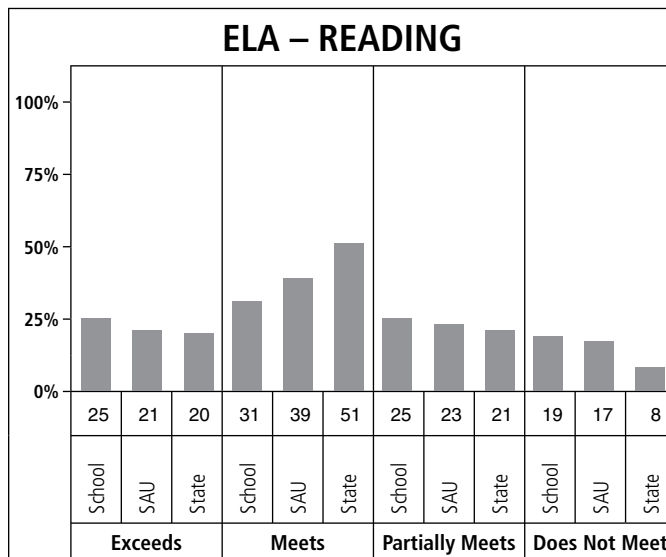
The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 27
School: Fort Kent Elementary School

Summary of School, SAU, and State Scores			
Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	851	848	847
2007–2008	850	849	849
2008–2009	847	847	850
Cum. Avg.*	850	848	849
Mathematics			
2006–2007	840	838	842
2007–2008	841	840	841
2008–2009	837	836	843
Cum. Avg.*	840	838	842
Science			
2008–2009 **	842	841	846



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 27
School: Fort Kent Elementary School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	52	100	72	100	14804	100	52	100	71	99	14659	99	52	100	71	99	14653	99	52	100	71	99	14626	99
Ethnicity African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	0	0	0	0	238	2	0	0	0	0	232	97	0	0	0	0	234	98	0	0	0	0	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	52	100	72	100	13878	94	52	100	71	99	13756	99	52	100	71	99	13742	99	52	100	71	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	15	29	17	24	2489	17	15	100	16	94	2434	99	15	100	16	94	2424	98	15	100	16	94	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	27	52	37	51	5460	37	27	100	36	97	5380	99	27	100	36	97	5377	99	27	100	36	97	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	38	73	56	78	12132	82	38	73	56	78	12124	82	38	73	56	78	12169	82
Identified disability (PET/IEP)	1	3	1	2	379	3	1	3	1	2	380	3	1	3	1	2	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	1	3	1	2	200	2	1	3	1	2	200	2	1	3	1	2	202	2
Participation with accommodations	14	27	15	21	2349	16	14	27	15	21	2347	16	14	27	15	21	2288	15
Identified disability (PET/IEP)	14	100	15	100	1877	80	14	100	15	100	1862	79	14	100	15	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	1	7	1	7	70	3	1	7	1	7	70	3	1	7	1	7	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	0	0	1	1	113	1	0	0	1	1	117	1	0	0	1	1	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2009
Grade:	8
SAU:	MSAD 27
School:	Fort Kent Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	12	17	12	13	2407	16
	2007-2008	19	30	21	27	3428	23
	2008-2009	13	25	15	21	2857	20
	Cum. Total*	44	24	48	20	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	44	63	55	62	7494	49
	2007-2008	24	38	32	42	7179	48
	2008-2009	16	31	28	39	7431	51
	Cum. Total*	84	45	115	49	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	11	16	14	16	3628	24
	2007-2008	14	22	13	17	2706	18
	2008-2009	13	25	16	23	2979	21
	Cum. Total*	38	20	43	18	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	3	4	8	9	1810	12
	2007-2008	7	11	11	14	1611	11
	2008-2009	10	19	12	17	1214	8
	Cum. Total*	20	11	31	13	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.8	58.6	32.9	58.8	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.2	56.0	11.2	56.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.6	60.0	21.7	60.3	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 27
 School: Fort Kent Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	52	13	25	16	31	13	25	10	19	847	71	21	39	23	17	847	14481	20	51	21	8	850
Ethnicity																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	0										0						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	52	13	25	16	31	13	25	10	19	847	71	21	39	23	17	847	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	15	0	0	4	27	5	33	6	40	835	16	0	25	25	50	832	2256	2	25	40	34	834
No	37	13	35	12	32	8	22	4	11	852	55	27	44	22	7	851	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	52	13	25	16	31	13	25	10	19	847	71	21	39	23	17	847	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	27	4	15	8	30	9	33	6	22	843	36	17	33	28	22	843	5277	10	46	29	15	844
No	25	9	36	8	32	4	16	4	16	851	35	26	46	17	11	850	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	52	13	25	16	31	13	25	10	19	847	71	21	39	23	17	847	14476	20	51	21	8	850
Gender																						
Female	21	10	48	7	33	3	14	1	5	856	32	34	44	19	3	853	7074	25	51	18	6	852
Male	31	3	10	9	29	10	32	9	29	841	39	10	36	26	28	841	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	1	13	2	25	3	38	2	25	839	12	8	42	33	17	841	857	9	43	35	14	843
No	44	12	27	14	32	10	23	8	18	848	59	24	39	20	17	848	13624	20	52	20	8	850
Gifted/talented program																						
Yes	0										0						700	69	30	1	0	867
No	52	13	25	16	31	13	25	10	19	847	71	21	39	23	17	847	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 27
School: Fort Kent Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	0	0	3	60	1	20	1	20	844	10	14	57	14	14	849	8	8	39	29	24	841
B. less than one hour	58	6	20	9	30	8	27	7	23	844	55	15	46	23	15	846	51	17	53	22	8	849
C. one to two hours	29	6	40	4	27	4	27	1	7	853	30	33	29	29	10	851	36	24	52	18	5	852
D. more than two hours	4	1	50	0	0	0	0	1	50	847	6	25	0	0	75	827	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	23	5	42	4	33	1	8	2	17	854	23	38	50	0	13	856	31	35	50	11	4	856
B. good	60	8	26	10	32	9	29	4	13	849	58	22	41	29	7	849	47	16	55	21	7	849
C. fair	13	0	0	1	14	2	29	4	57	828	14	0	20	30	50	831	18	5	47	33	15	842
D. poor	4	0	0	1	50	1	50	0	0	842	6	0	25	25	50	825	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	31	8	50	6	38	1	6	1	6	857	25	44	44	6	6	857	32	27	54	14	5	853
B. They match some of what I have learned.	50	3	12	7	27	10	38	6	23	841	48	15	35	32	18	844	52	18	53	22	8	850
C. They match just a little of what I have learned.	17	2	22	3	33	2	22	2	22	848	24	12	47	24	18	845	12	11	45	29	15	844
D. There is no match.	2	0	0	0	0	0	0	1	100	820	3	0	0	0	100	810	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	17	4	44	0	0	3	33	2	22	847	27	26	32	21	21	844	15	13	42	28	17	844
B. about the same as my regular schoolwork	71	7	19	15	41	9	24	6	16	847	65	17	43	26	13	847	64	19	53	20	7	850
C. easier than my regular schoolwork	12	2	33	1	17	1	17	2	33	849	8	33	33	0	33	852	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	8	1	25	1	25	1	25	1	25	843	9	17	17	33	33	835	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	57	7	24	7	24	8	28	7	24	845	57	18	38	28	18	846	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	35	5	28	8	44	3	17	2	11	851	34	29	50	8	13	851	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	9	36	4	16	6	24	6	24	848	49	29	29	23	20	847	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	42	3	14	10	45	5	23	4	18	846	42	13	53	20	13	848	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	10	1	20	2	40	2	40	0	0	847	8	17	33	33	17	839	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	15	1	13	4	50	1	13	2	25	847	17	17	50	17	17	850	19	26	53	15	6	853
B. 20 minutes to an hour	19	4	40	2	20	1	10	3	30	849	27	21	37	21	21	845	40	25	52	17	6	852
C. less than 20 minutes	21	3	27	5	45	2	18	1	9	849	17	25	58	17	0	850	15	18	51	21	10	849
D. I rarely read at home.	44	5	22	5	22	9	39	4	17	845	39	21	29	29	21	845	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	37	5	26	5	26	4	21	5	26	847	37	23	35	19	23	848	42	27	51	15	6	853
B. agree	56	8	28	11	38	6	21	4	14	849	55	23	49	18	10	849	50	15	53	23	9	848
C. disagree	8	0	0	0	0	3	75	1	25	831	7	0	0	80	20	833	7	8	46	32	14	843
D. strongly disagree	0	0	0	0	0	0	0	0	0	847	1	0	0	0	100	800	2	6	39	35	21	840
Optional school/SAU question																						
A.	0										100	0	0	100	0	840						
B.	0										0											
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date:	March 2009
Grade:	8
SAU:	MSAD 27
School:	Fort Kent Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	7	10	8	9	1952	13
	2007-2008	6	9	6	8	1657	11
	2008-2009	8	15	9	13	2116	15
	Cum. Total*	21	11	23	10	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	26	37	29	33	5870	38
	2007-2008	25	39	30	39	5956	40
	2008-2009	15	29	19	27	5443	38
	Cum. Total*	66	35	78	33	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	20	29	26	29	3982	26
	2007-2008	18	28	23	30	3729	25
	2008-2009	8	15	11	15	3556	25
	Cum. Total*	46	25	60	25	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	17	24	26	29	3534	23
	2007-2008	15	23	18	23	3579	24
	2008-2009	21	40	32	45	3356	23
	Cum. Total*	53	28	76	32	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	25.8	46.1	24.8	44.3	28.6	51.1
A. Number	8	14	3.7	46.3	3.4	42.5	3.7	46.3
B. Data	16	29	7.9	49.4	7.7	48.1	8.9	55.6
C. Geometry	12	21	4.4	36.7	3.9	32.5	5.0	41.7
D. Algebra	20	36	9.8	49.0	9.9	49.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 27
 School: Fort Kent Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	52	8	15	15	29	8	15	21	40	837	71	13	27	15	45	836	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	0										0						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	52	8	15	15	29	8	15	21	40	837	71	13	27	15	45	836	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	15	0	0	1	7	1	7	13	87	816	16	0	6	6	88	815	2242	2	12	22	63	824
No	37	8	22	14	38	7	19	8	22	846	55	16	33	18	33	842	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	52	8	15	15	29	8	15	21	40	837	71	13	27	15	45	836	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	27	2	7	8	30	3	11	14	52	832	36	8	25	17	50	833	5270	6	30	28	36	835
No	25	6	24	7	28	5	20	7	28	842	35	17	29	14	40	839	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	52	8	15	15	29	8	15	21	40	837	71	13	27	15	45	836	14466	15	38	25	23	843
Gender																						
Female	21	6	29	7	33	2	10	6	29	844	32	22	28	13	38	841	7070	15	39	25	22	843
Male	31	2	6	8	26	6	19	15	48	833	39	5	26	18	51	832	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	2	25	2	25	4	50	829	12	0	17	17	67	827	857	5	25	33	37	835
No	44	8	18	13	30	6	14	17	39	839	59	15	29	15	41	838	13614	15	38	24	22	843
Gifted/talented program																						
Yes	0										0						700	68	27	3	1	866
No	52	8	15	15	29	8	15	21	40	837	71	13	27	15	45	836	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 27
School: Fort Kent Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	1	20	1	20	0	0	3	60	834	10	14	29	14	43	838	8	8	24	24	44	833
B. less than one hour	58	3	10	10	33	6	20	11	37	836	55	8	31	18	44	836	51	12	38	26	23	842
C. one to two hours	29	3	20	4	27	2	13	6	40	840	30	19	24	14	43	838	36	19	40	23	19	845
D. more than two hours	4	1	50	0	0	0	0	1	50	839	6	25	0	0	75	820	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	17	3	33	3	33	0	0	3	33	848	19	31	31	8	31	848	28	33	41	15	11	852
B. good	60	5	16	12	39	4	13	10	32	841	59	12	37	12	39	838	45	11	43	25	21	842
C. fair	21	0	0	0	0	4	36	7	64	820	20	0	0	36	64	824	21	3	27	35	35	834
D. poor	2	0	0	0	0	0	0	1	100	800	3	0	0	0	100	800	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	23	2	17	4	33	1	8	5	42	842	20	21	29	0	50	840	28	23	41	21	15	848
B. They match some of what I have learned.	46	5	21	8	33	4	17	7	29	842	44	16	35	19	29	841	52	13	40	25	21	843
C. They match just a little of what I have learned.	27	1	7	3	21	2	14	8	57	827	27	5	21	16	58	828	16	8	28	30	34	836
D. There is no match.	4	0	0	0	0	1	50	1	50	825	10	0	0	29	71	825	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	48	2	8	5	20	6	24	12	48	830	55	8	21	21	51	832	32	6	34	29	32	837
B. about the same as my regular schoolwork	40	6	29	7	33	2	10	6	29	846	35	24	32	12	32	844	52	13	41	25	20	843
C. easier than my regular schoolwork	12	0	0	3	50	0	0	3	50	836	10	0	43	0	57	831	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	44	5	22	5	22	4	17	9	39	840	48	18	18	18	47	838	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	48	3	12	9	36	3	12	10	40	837	44	10	39	13	39	837	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	8	0	0	1	25	1	25	2	50	823	8	0	17	17	67	819	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	8	0	0	3	75	1	25	0	0	846	13	11	33	22	33	840	34	18	40	22	20	845
B. two or three days a week	25	5	38	4	31	1	8	3	23	847	20	36	36	7	21	848	35	14	38	26	21	843
C. two or three times each month	38	2	10	6	30	3	15	9	45	837	32	9	30	13	48	836	18	12	37	27	24	841
D. never or almost never	29	1	7	2	13	3	20	9	60	827	35	4	16	20	60	828	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	33	6	35	10	59	0	0	1	6	857	24	35	59	0	6	857	9	13	38	23	26	841
B. two or three days a week	6	0	0	0	0	0	0	3	100	810	4	0	0	0	100	810	17	11	37	26	26	841
C. two or three times each month	17	1	11	2	22	1	11	5	56	836	17	8	33	8	50	837	28	15	40	25	20	844
D. never or almost never	44	1	4	3	13	7	30	12	52	827	55	5	13	26	56	829	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	42	5	23	5	23	5	23	7	32	841	44	19	23	23	35	840	52	19	41	22	18	846
B. agree	50	3	12	10	38	2	8	11	42	837	48	9	35	9	47	836	39	11	35	27	27	840
C. disagree	6	0	0	0	0	0	0	3	100	810	4	0	0	0	100	810	6	7	28	26	39	835
D. strongly disagree	2	0	0	0	0	1	100	0	0	834	4	0	0	33	67	817	3	4	25	28	43	832
Optional school/SAU question																						
A.	0										100	0	0	0	100	822						
B.	0										0											
C.	0										0											
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 27
School: Fort Kent Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	7	13	9	13	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	21	40	28	39	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	13	25	18	25	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	11	21	16	23	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	29.7	53.0	29.1	52.0	32.0	57.1
D. The Physical Setting	31	55	16.3	52.6	15.6	50.3	17.1	55.2
D1/D2 Earth/Space	17	30	8.3	48.8	8.2	48.2	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	7.9	56.4	7.5	53.6	7.7	55.0
E. The Living Environment	25	45	13.4	53.6	13.5	54.0	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 27
 School: Fort Kent Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	52	7	13	21	40	13	25	11	21	842	71	13	39	25	23	841	14263	15	47	26	12	846
Ethnicity																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	0										0						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	52	7	13	21	40	13	25	11	21	842	71	13	39	25	23	841	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	15	0	0	2	13	5	33	8	53	825	16	0	13	25	63	823	2221	3	22	36	38	832
No	37	7	19	19	51	8	22	3	8	849	55	16	47	25	11	847	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	52	7	13	21	40	13	25	11	21	842	71	13	39	25	23	841	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	27	1	4	11	41	6	22	9	33	837	36	8	36	19	36	837	5184	6	40	33	21	840
No	25	6	24	10	40	7	28	2	8	847	35	17	43	31	9	845	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	52	7	13	21	40	13	25	11	21	842	71	13	39	25	23	841	14258	15	47	26	12	846
Gender																						
Female	21	4	19	9	43	5	24	3	14	846	32	16	38	31	16	844	6953	14	47	28	11	846
Male	31	3	10	12	39	8	26	8	26	839	39	10	41	21	28	839	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	8	0	0	3	38	4	50	1	13	838	12	0	33	42	25	836	828	5	35	40	20	839
No	44	7	16	18	41	9	20	10	23	843	59	15	41	22	22	842	13435	16	48	25	12	846
Gifted/talented program																						
Yes	0										0						699	65	34	2	0	865
No	52	7	13	21	40	13	25	11	21	842	71	13	39	25	23	841	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 27
School: Fort Kent Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	10	1	20	1	20	1	20	2	40	836	10	29	29	14	29	843	8	8	34	28	30	837
B. less than one hour	58	4	13	12	40	8	27	6	20	843	55	10	46	28	15	843	51	14	48	27	11	846
C. one to two hours	29	2	13	7	47	4	27	2	13	844	30	14	33	29	24	841	36	19	48	24	9	848
D. more than two hours	4	0	0	1	50	0	0	1	50	831	6	0	25	0	75	823	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	31	5	31	8	50	1	6	2	13	852	35	24	44	12	20	847	23	27	47	17	8	851
B. good	52	2	7	10	37	9	33	6	22	839	49	9	40	34	17	841	53	15	50	26	10	847
C. fair	17	0	0	3	33	3	33	3	33	833	14	0	30	30	40	831	20	4	43	35	18	840
D. poor	0										1	0	0	0	100	804	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	23	2	17	6	50	3	25	1	8	844	25	22	50	17	11	846	26	20	49	23	9	849
B. They match some of what I have learned.	58	5	17	11	37	8	27	6	20	845	55	13	38	28	21	843	51	14	48	26	11	846
C. They match just a little of what I have learned.	15	0	0	3	38	2	25	3	38	832	15	0	27	36	36	832	18	13	44	28	15	844
D. There is no match.	4	0	0	1	50	0	0	1	50	829	4	0	33	0	67	821	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	35	3	18	7	41	3	18	4	24	842	39	15	31	27	27	840	32	13	45	28	14	844
B. about the same as my regular schoolwork	61	3	10	14	47	8	27	5	17	844	57	11	53	24	13	845	56	15	49	25	11	847
C. easier than my regular schoolwork	4	1	50	0	0	1	50	0	0	851	4	33	0	33	33	835	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	40	4	19	5	24	6	29	6	29	840	46	15	24	30	30	839	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	56	3	10	15	52	7	24	4	14	844	48	12	56	24	9	846	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	1	50	0	0	1	50	831	6	0	25	0	75	823	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	23	0	0	4	33	4	33	4	33	835	27	0	26	37	37	833	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	29	6	40	4	27	2	13	3	20	848	27	32	37	11	21	846	23	17	49	22	12	847
C. the course(s) described in B, plus physics	21	0	0	6	55	3	27	2	18	840	20	7	50	29	14	842	21	31	44	17	7	852
D. a life science and physical science class	27	1	7	7	50	4	29	2	14	843	27	11	47	26	16	844	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	29	2	13	9	60	3	20	1	7	847	31	18	55	18	9	848	27	23	47	20	10	849
B. agree	44	3	13	8	35	4	17	8	35	840	38	11	33	26	30	839	37	14	47	27	12	846
C. disagree	19	1	10	4	40	5	50	0	0	843	21	7	33	40	20	837	25	11	48	29	12	845
D. strongly disagree	8	1	25	0	0	1	25	2	50	834	10	14	29	14	43	836	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	35	2	11	9	50	4	22	3	17	844	38	15	44	22	19	844	31	22	46	22	10	849
B. agree	56	5	17	10	34	8	28	6	21	843	48	15	35	26	24	842	50	14	49	26	11	846
C. disagree	8	0	0	2	50	1	25	1	25	835	11	0	50	38	13	837	14	9	45	31	15	843
D. strongly disagree	2	0	0	0	0	0	0	1	100	812	3	0	0	0	100	812	5	3	38	34	25	837
Optional school/SAU question																						
A.	0										100	0	0	0	100	826						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number